

Bitwinder

AUTOMATIC WINDER
FOR RESIDUAL PACKAGES



YARN WINDING & PROCESSING MACHINES

Gilbos

Bit Winder

RECYCLING PACKAGES FROM RESIDUAL TUBES/CONES

MAIN USE

Fully automatic residual winder for recuperation of yarn from:

- Tufting creels
- Carpet weaving creels
- Extrusion packages
- Technical yarn packages

PACKAGE TYPE

- 250 mm traverse (10") - cylindrical

SET-UP

- Self contained double spindle unit, with minimal installation requirements.

PACKAGE DIAMETER

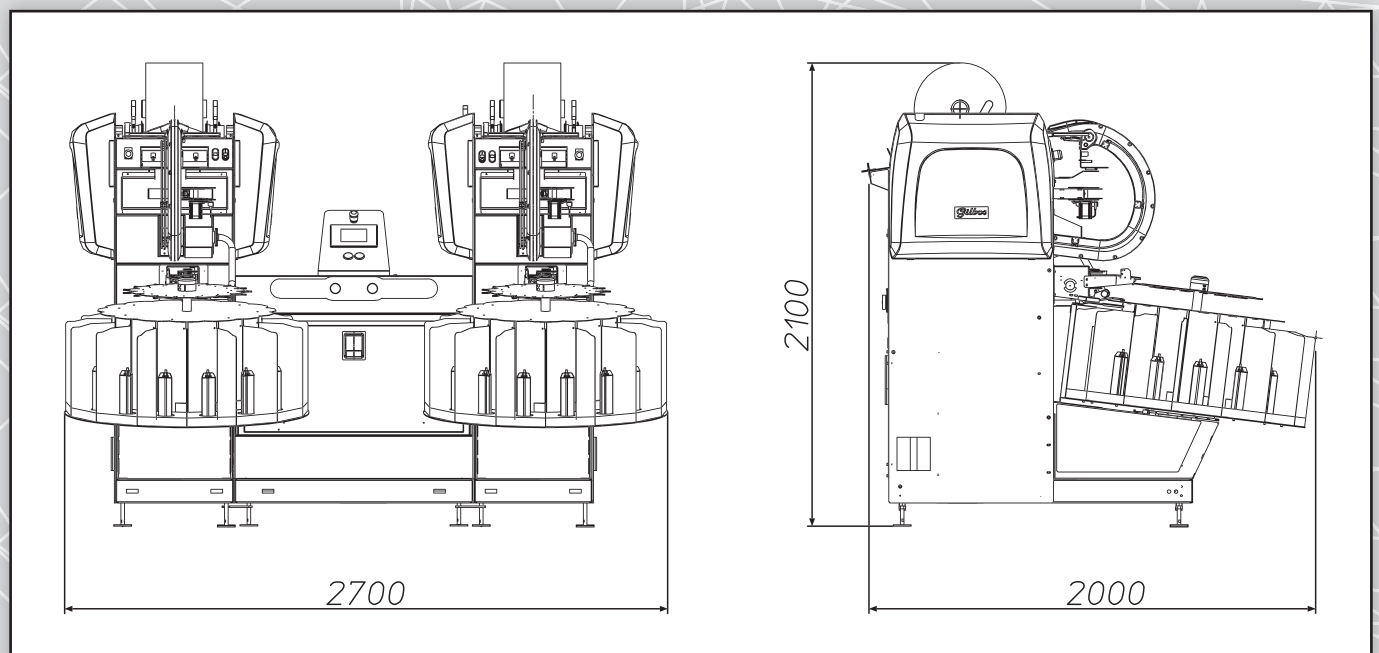
- Up to 410 mm. (16")

WINDING UNIT

- Spindle with individual motors and inverters for adjustable speed and crossing angle.
- Linear guiding system.
- Electronic length measurement.
- Finger tensioning device.
- Package holder with vibration damper.
- Electronically controlled anti-ribboning system.
- Air splicer or Fisherman's knotter.
- Thermosplicer (optional) for wool & woolblends
- Very efficient doffing system with tube magazine under the spindle and 4 tubes in the magazine.
- Vacuum system for catching the yarn end on the package.
- Winding speed up to 1.000 m/min. (1.100 yds /min.)

WORKING PRINCIPLES

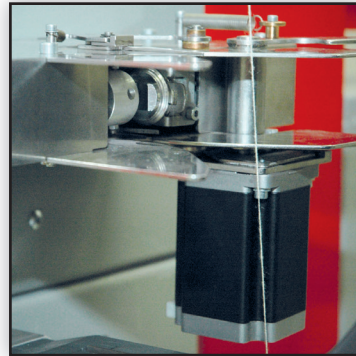
- Automatic change of feed tubes/cones.
- Pick-up and automatic splicing of ends.
- Package is doffed when set length is reached.



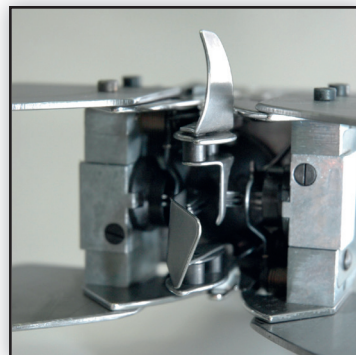


AUTOMATIC SPLICER OR FISHERMANN'S KNOTTER:

SPLICER



KNOTTER



CREEL TYPES

Mainly for feed packages with tube/cone lengths up to 300 mm (12") and with a capacity for:

- 20 packages with a max. diameter of 100 mm (4")
- 15 packages with a max. diameter of 150 mm (6")
- 10 packages with a max. diameter of 200 mm (8")
- 8 packages with a max. diameter of 275 mm (11")

Bitwinder

TECHNICAL SPECIFICATIONS

Material	PP, PA & PES BCF yarns - Spun yarns
Count range	600 to 20.000 dTex or 540 up to 18.000 den
Winding speed	up to 1.000 m/min. or 1.100 yds/min.
Package type	250 mm traverse (10") - cylindrical
Package diameter	up to 410 mm or 16"
Electrical supply	3 x 400V or 3 x 480V + PE - 50 or 60 Hz
Total connected load	7.5 kVA per machine
Compressed air supply	min. 8 bar or min. 116 psi
Air connection	1/2 inch supply

GILBOS winding and processing machines for:

Rewinding
Rewinding + CMS
Assembly winding
AirEntangling
AirTwisting
SmarTwisting
Heatset winding

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All technical details, descriptions, illustrations, dimensions and other particulars in this brochure are given in good faith, and can be subject to change without notice.

The Gilbos logo is written in a stylized, red, cursive script font. It is enclosed within a white rectangular box with a thin red border.

YARN WINDING & PROCESSING MACHINES



BELGIAN QUALITY
Textile Technology